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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/551,381

09/29/2005

Koji Yamamoto

05132

3128

23338 7590 04/10/2007
DENNISON, SCHULTZ & MACDONALD
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SUITE 105
ALEXANDRIA, VA 22314

EXAMINER

CHIN, RANDALL E

ART UNIT

PAPER NUMBER

1744

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

04/10/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/551,381

Applicant(s)

YAMAMOTO, KOJI

Examiner

Randall Chin

Art Unit

1744

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>09292005</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 is rejected under 35 U.S.C. 102(b) as being anticipated by McNab 1,899,242 (hereinafter McNab).

The patent to McNab discloses a toothbrush 10 comprising a head 11, a neck and a handle 12 continuously formed in turn (see phantom lines of toothbrush for handle part 12 in Fig. 1 or see modified embodiment of Fig. 3), characterized in that said handle is provided with a sucker portion 15 (Fig. 1) or 19 (Fig. 3).

3. Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being anticipated by Japan 55-90342.

Japan 55-90342 discloses a toothbrush 1 comprising a head, a neck and a handle continuously formed in turn, characterized in that said handle is provided with a sucker portion 2.

As for claim 2, said sucker portion 2 is coaxially formed on the tip end of said handle opposite to the head, and the end of said sucker portion is formed to be open as a bell mouth, i.e., when not applied to a support surface.

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4. Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Dair 6,076,223 (hereinafter Dair).

With respect to claim 1, the patent to Dair discloses a toothbrush in Figs. 1-7 comprising a head 16, a neck 14 and a handle 12 continuously formed in turn (Figs. 1 and 5), characterized in that said handle is provided with a cup-shaped member or sucker portion 24 (col. 3, lines 19-25).

As for claim 2, said sucker portion 24 is coaxially formed on the tip end of said handle opposite to the head, and the end of said sucker portion is formed to be open as a bell mouth (Figs. 1, 5 and 7; col. 3, lines 19-52).

As for claims 3 and 4, said handle 12 is provided integrally with "an elastic material portion" (e.g., non-slip regions 26, 28) and said sucker portion 24 is made of the same material as said elastic material portion and formed continuously with it (Figs. 1, 2 and 5; col. 4, lines 23-35 and col. 4, line 49 to col. 5, line 2).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The reference to EPO 0 611 533 is the European counterpart of the U.S. Patent to Dair above. The WO 98/36182 also teaches a suction cup toothbrush arrangement.

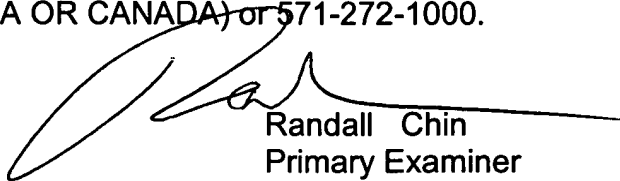
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Randall Chin whose telephone number is (571) 272-

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1270. The examiner can normally be reached on Monday through Thursday and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gladys Corcoran can be reached on (571) 272-1214. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Randall Chin
Primary Examiner
Art Unit 1744